

| | | | | | | |
|---|--|---|--|--------------------|--|--|
| INFORMATION DISCLOSURE STATEMENT | | Atty. Docket No.: 54010US009 | | Serial No.: | | |
| | | Applicant(s): Kurt J. HALVERSON et al. | | | | |
| | | Filing Date: Herewith | | Group: | | |

10/06/99
10/30/99

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|----------|----------------------|-------|----------|----------------------------|
| Examiner Initial | Document Number | Date | Name | Class | SubClass | Filing Date If Appropriate |
| lu | 3,949,117 | 04/06/76 | Jvirblis et al. | 427 | 22 | 1/23/74 |
| | 4,304,705 | 12/08/81 | Heilmann et al. | 260 | 30.4 N | 1/2/80 |
| | 4,451,619 | 05/29/84 | Heilmann et al. | 525 | 379 | 9/30/82 |
| | 4,485,236 | 11/27/84 | Rasmussen et al. | 544 | 69 | 9/27/82 |
| | 4,923,901 | 05/08/90 | Koester et al. | 521 | 53 | 9/4/87 |
| | 5,143,854 | 09/01/92 | Pirrung et al. | 436 | 518 | 3/7/90 |
| | 5,148,196 | 09/15/92 | Spector | 354 | 75 | 6/6/91 |
| | 5,149,806 | 09/22/92 | Moren et al. | 544 | 72 | 3/28/90 |
| | 5,165,965 | 11/24/92 | Martin | 427 | 256 | 12/28/90 |
| | 5,200,471 | 04/06/93 | Coleman et al. | 525 | 326.9 | 11/5/90 |
| | 5,202,231 | 04/13/93 | Drmanac et al. | 435 | 6 | 6/18/91 |
| | 5,204,219 | 04/20/93 | Van Ooij et al. | 430 | 272 | 1/21/92 |
| | 5,217,492 | 06/08/93 | Guire et al. | 623 | 11 | 4/3/91 |
| | 5,258,041 | 11/02/93 | Guire et al. | 623 | 66 | 3/19/91 |
| | 5,262,484 | 11/16/93 | Coleman et al. | 525 | 204 | 9/9/92 |
| | 5,314,749 | 05/24/94 | Shah | 428 | 349 | 3/19/93 |
| | 5,344,701 | 09/06/94 | Gagnon et al. | 428 | 304.4 | 6/9/92 |
| | 5,403,902 | 04/04/95 | Heilmann et al. | 526 | 260 | 1/18/94 |
| | 5,429,807 | 07/04/95 | Matson et al. | 422 | 131 | 10/28/93 |
| | 5,429,856 | 07/04/95 | Krueger et al. | 604 | 370 | 4/8/94 |
| | 5,436,147 | 07/25/95 | Pegg et al. | 435 | 181 | 6/16/93 |
| | 5,445,934 | 08/29/95 | Fodor et al. | 435 | 6 | 9/30/92 |
| | 5,464,900 | 11/07/95 | Stofko, Jr. et al. | 524 | 838 | 10/19/93 |
| | 5,474,796 | 12/12/95 | Brennan | 427 | 2.13 | 5/27/93 |
| | 5,500,251 | 03/19/96 | Burgoyne, Jr. et al. | 427 | 322 | 6/17/94 |
| | 5,501,679 | 03/26/96 | Krueger et al. | 604 | 393 | 3/30/90 |
| | 5,525,464 | 06/11/96 | Drmanac et al. | 435 | 6 | 2/28/94 |
| | 5,552,270 | 09/03/96 | Khrapko et al. | 435 | 6 | 3/18/92 |
| | 5,554,501 | 09/10/96 | Coassin et al. | 435 | 6 | 10/29/93 |
| | 5,562,958 | 10/08/96 | Walton et al. | 428 | 34.9 | 4/28/93 |
| | 5,583,211 | 12/10/96 | Coassin et al. | 536 | 23.1 | 11/22/94 |
| | 5,601,980 | 02/11/97 | Gordon et al. | 435 | 6 | 9/23/94 |
| | 5,602,202 | 02/11/97 | Groves | 525 | 73 | 6/22/95 |
| Bh | 5,620,780 | 04/15/97 | Krueger et al. | 428 | 179 | 4/24/95 |

U.S. PATENT DOCUMENTS – cont.

| Examiner Initial | Document Number | Date | Name | Class | SubClass | Filing Date If Appropriate |
|------------------|-----------------|----------|-----------------|-------|----------|----------------------------|
| <i>hr</i> | 5,620,803 | 04/15/97 | Oyama et al. | 428 | 516 | 9/22/95 |
| | 5,639,546 | 06/17/97 | Bilkadi | 428 | 331 | 9/3/91 |
| | 5,658,625 | 08/19/97 | Bradfute et al. | 428 | 34.9 | 5/25/94 |
| | 5,658,802 | 08/19/97 | Hayes et al. | 436 | 518 | 9/7/95 |
| | 5,691,034 | 11/25/97 | Krueger et al. | 428 | 152 | 5/16/95 |
| | 5,695,940 | 12/09/97 | Drmanac et al. | 435 | 6 | 6/5/95 |
| | 5,744,305 | 04/28/98 | Fodor et al. | 435 | 6 | 6/6/95 |
| | 5,750,245 | 05/12/98 | Exsted et al. | 428 | 315.5 | 1/28/94 |
| | 5,757,458 | 05/26/98 | Miller et al. | 351 | 162 | 9/30/96 |
| | 5,770,721 | 06/23/98 | Ershov et al. | 536 | 25.3 | 8/5/94 |
| | 5,773,374 | 06/30/98 | Wood et al. | 442 | 328 | 3/20/97 |
| | 5,800,903 | 09/01/98 | Wood et al. | 428 | 152 | 5/21/96 |
| | 5,840,412 | 11/24/98 | Wood et al. | 428 | 284 | 5/21/96 |
| | 5,858,653 | 01/12/99 | Duran et al. | 435 | 6 | 9/30/97 |
| | 6,063,484 | 05/16/00 | Exsted et al. | 428 | 315.5 | 12/23/97 |
| <i>hr</i> | 6,070,579 | 06/06/00 | Bryant et al. | 128 | 207.11 | 03/08/96 |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | SubClass | Translation | |
|-----------|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| <i>hr</i> | WO 94/16803 | 08/04/94 | WIPO | | | | |
| | WO 95/04834 | 02/16/95 | WIPO | | | | |
| | WO 95/11912 | 05/04/95 | WIPO | | | | |
| | WO 97/27329 | 07/31/97 | WIPO | | | | |
| | WO 97/43447 | 11/20/97 | WIPO | | | | |
| <i>hr</i> | WO 97/44134 | 11/27/97 | WIPO | | | | |

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

| | |
|-----------|--|
| <i>hr</i> | Article: O'Donnell-Maloney et al., "Microfabrication and Array Technologies for DNA Sequencing and Diagnostics," <u>Genetic Analysis: Biomolecular Engineering</u> , Vol. 13 (1996) pp. 151-157 |
| | Article: Guo et al., "Direct Fluorescence Analysis of Genetic polymorphisms by Hybridization with Oligonucleotide Arrays on Glass Supports," <u>Nucleic Acids Research</u> , Vol. 22, No. 24 (1994) pp. 5456-5465. |
| | Article: O'Donnell-Maloney et al., "The Development of Microfabricated Arrays for DNA Sequencing and Analysis," <u>Tibtech</u> , Vol. 14 (October, 1996) pp. 401-407. |
| <i>hr</i> | Product Information: "Cryovac® D-955 Film," Cryovac Division, W.R. Grace & Co., (date unknown) two pages. |

EXAMINER

Date Considered

Bernard J. [Signature]

9-17-04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.